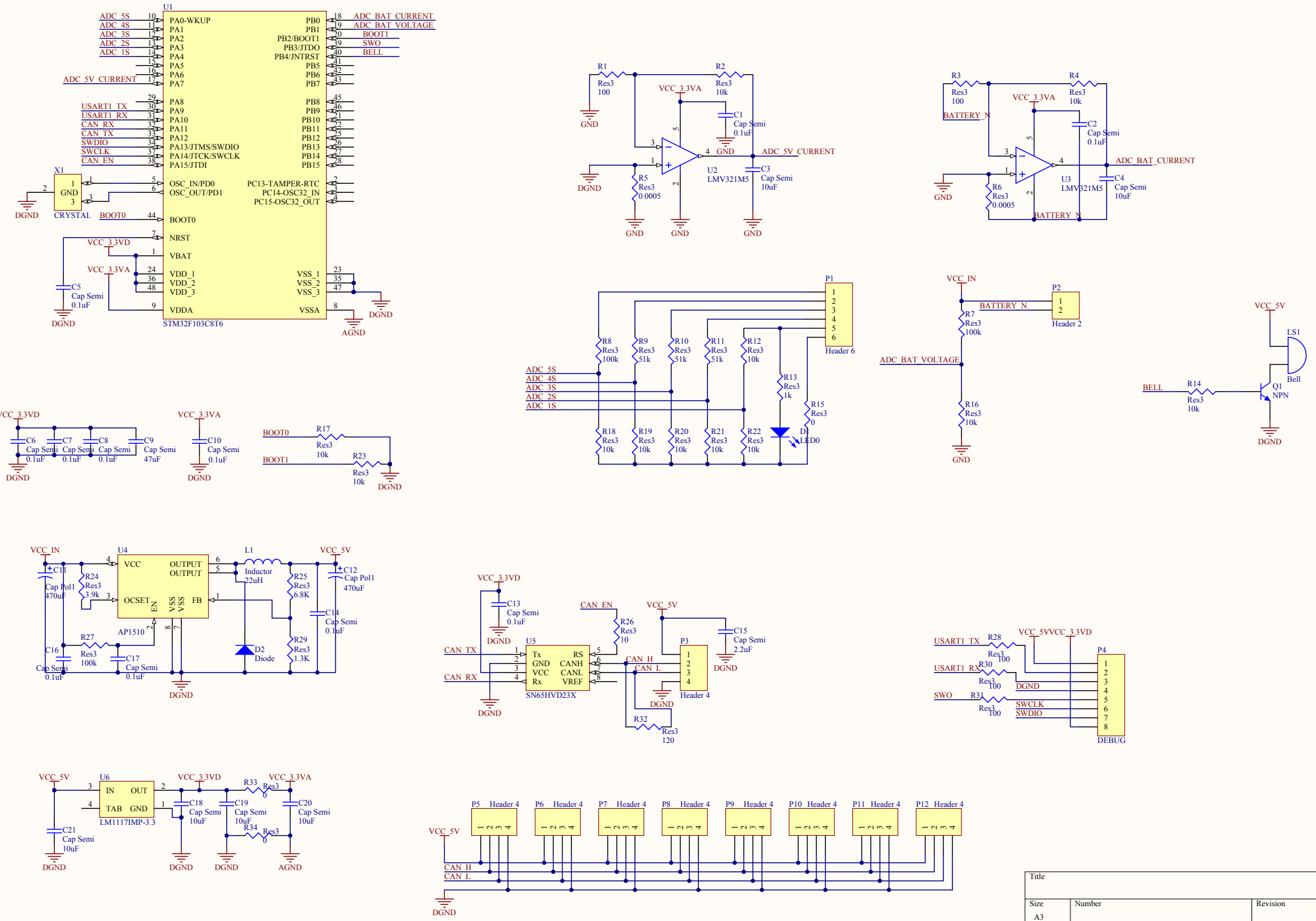

Title		
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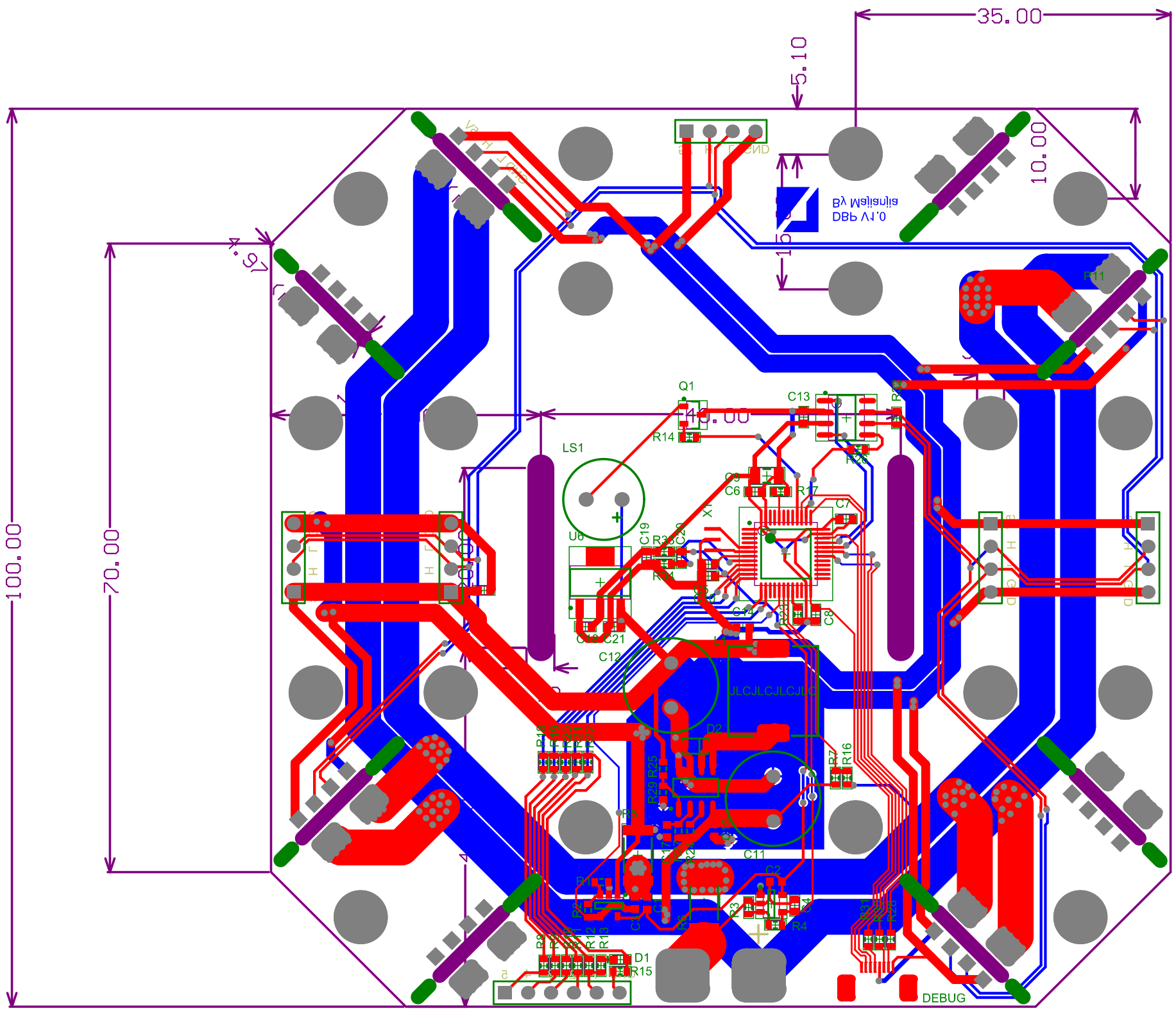
35.00
5.10
10.00
100.00
70.00
4.97
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LS1
Q1
C13
R14
C6
R17
C7
U6
C19
C21
C12
C8
C11
R7
R16
R4
D1
R15
DEBUG

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Semi	Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C10, C13, C14, C15, C16, C17, C18, C19, C20, C21	1608[0603]	Cap Semi	18
Cap Semi	Capacitor (Semiconductor SIM Model)	C9	C1206	Cap Semi	1
Cap Pol1	Polarized Capacitor (Radial)	C11, C12	RB5-10.5	Cap Pol1	2
LED0	Typical INFRARED GaAs LED	D1	INDC1608L	LED0	1
Diode	Default Diode	D2	SOD123	Diode	1
Inductor	Inductor	L1	10*10 inducter	Inductor	1
Bell	Electrical Bell	LS1	9MM BELL 脚距 4mm	Bell	1
Header 6	Header, 6-Pin	P1	HDR1X6	Header 6	1
Header 2	Header, 2-Pin	P2	HDR1X2	Header 2	1
Header 4	Header, 4-Pin	P3, P5, P6, P7, P8, P9, P10, P11, P12	HDR1X4	Header 4	9
DEBUG	Header, 8-Pin	P4	FPC 8P 0.5mm	Header 8	1
NPN	NPN Bipolar Transistor	Q1	SOT23-3_L	NPN	1
Res3	Resistor	R1, R2, R3, R4, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34	J1-0603	Res3	32
Res3	Resistor	R5, R6	RESC6332	Res3	2
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
LMV321M5	General Purpose, Low Voltage, Rail-to-Rail Output Operational Amplifiers	U2, U3	MF05A_L	LMV321M5	2
AP1510	AP15XX DC/DC converter	U4	SOP8_L	AP15XX	1
SN65HVD23X		U5	SOP8_L	SN65HVD23X	1
LM1117IMP-3.3	800mA Low-Dropout Linear Regulator	U6	MP04A_L	LM1117IMP-3.3	1
CRYSTAL	CSCTE8M	X1	3213 CSTCE	Crystal	1